

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled
RELATIONSHIP OF A SPECIFIC METABOLITE TO INSULIN RESISTANCE, the specification of which

is attached hereto

OR

was filed on September September 23, 2004 as PCT/US2004/031284 and which is being transmitted to the U.S. Patent and Trademark Office on March 24, 2006 as a national phase application under 35 U.S.C. § 371.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. I also appoint the following registered attorney(s) to represent me before all competent International Authorities in connection with any and all International applications filed by me with an appropriate receiving office claiming priority to the U.S. application. I also appoint the following registered attorney(s) to make or receive payment on my behalf in connection with the filing of such international applications.

Customer No. 20792
Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401

Send correspondence to: **Karen A. Magri**
Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627

Direct telephone calls to: **(919) 854-1400**

Facsimile: **(919) 854-1401**

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

Full name of first inventor: Christopher B. Newgard

Inventor's Signature: Christopher B. Newgard Date: 4-06-06

Residence: Chapel Hill, North Carolina

Citizenship: United States

Mailing Address: 664 Brookview Drive
Chapel Hill, North Carolina

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

Full name of second inventor: Jie An

Inventor's
Signature:

Jie An

Date: 4-5-06

Residence: Pittsboro, North Carolina

Citizenship: China

Mailing Address: 359 Churchwood Lane
Pittsboro, North Carolina

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

Full name of third inventor: **Deborah M. Muolo**

Inventor's
Signature:

Date:

Deborah M. Muolo *April 15, 2006*

Residence: Chapel Hill, North Carolina

Citizenship: United States

Mailing Address: 2106 Innisbrook Court
Cary, North Carolina

ATTORNEY DOCKET NO. 5405-311

Full name of fourth inventor: **Timothy R. Koves**

Inventor's
Signature: Timothy R. Koves Date: 3/5/06

Residence: Raleigh, North Carolina

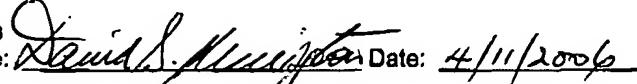
Citizenship: United States

Mailing Address: 5813 Bayberry Lane
Raleigh, North Carolina

Best Available Copy

ATTORNEY DOCKET NO. 5405-311

Full name of fifth inventor: **David S. Millington**

Inventor's
Signature:  Date: 4/11/2006

Residence: **Chapel Hill, North Carolina**

Citizenship: **United States**

Mailing Address:
8806 Drew Lane
Chapel Hill, North Carolina